

AMENDMENTS TO THE CLAIMS

1. (*Currently amended*) A vehicle independent suspension system having means for supporting a pair of wheels on a vehicle body, each wheel support including:

an upper control arm,

a lower control arm associated with the upper control arm and located beneath the upper control arm,

said control arms co-operating to mount a wheel carrier on a vehicle body,

the upper control arm having an inner end and an outer end,

said inner end of the upper control arm being connected by [[an]] a first articulating joint to the vehicle body,

said outer end of the upper control arm being connected by [[an]] a second articulating joint to the wheel carrier,

the lower control arm having an inner end and an outer end,

said inner end of the lower control arm being connected by [[an]] a third articulating joint to the vehicle body,


said outer end of the lower control arm being connected by [[an]] a fourth articulating joint to the wheel carrier,

a compression spring,

said compression spring having an upper end and a lower end,

said upper end of the compression spring being connected by a fifth articulating joint to the vehicle body, wherein a bump stop is mounted on the vehicle body below the fifth articulating joint to engage the upper control arm when the spring is compressed,

said lower end of the compression spring being connected by ~~[[an]]~~ a sixth articulating joint to one of the upper control arm and the lower control arm,

 said sixth articulating joint having a centre of rotation below one of a first line joining centres of rotation of the first and second articulating joints ~~at the inner end and at the outer end of said control arm~~ and a second line joining centres of rotation of the third and fourth articulating joints.

2. (Currently amended) ~~[[An]]~~ The independent suspension system as claimed in claim 1, wherein ~~[[a]]~~ the lower end of the compression spring is connected to the lower control arm.

3. (Canceled)

4. (Currently amended) ~~[[An]]~~ The independent suspension system as claimed in claim 1, wherein when the suspension system is in a normal rest position, the compression spring is supported in an upright orientation between the fifth and sixth articulating joints ~~connecting the compression spring to the vehicle body and the control arm.~~

5. (Canceled)

6. (*Currently amended*) ~~[[An]]~~ The independent suspension system as claimed in claim 1, wherein the compression spring comprises one or more coil springs.

7. (*Canceled*)

8. (*Currently amended*) ~~[[An]]~~ The independent suspension system as claimed in claim 1, wherein an additional compression spring is mounted between the vehicle body and ~~[[a]]~~ one of the upper control arm and the lower control arm.

9. (*Canceled*)
